Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 06 Sep 2023 until 23:59 on Thursday 07 Sep 2023

Forecast Issued on Wednesday 06 Sep 2023 at 03:58

Confidence: Very high confidence in warm or hot conditions continuing this week and into the weekend. Moderate for details of morning mist, fog and low cloud. Much lower for the timings and details of any thundery showers later in the week into the weekend.

Headline for Wednesday 06 Sep 2023: Early low cloud, mist and fog patches soon clearing to give another fine, sunny and very warm day. Lighter winds.

Mountain weather hazards on Wednesday 06 Sep 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
MIST					
Mist	Sunny	Sunny intervals	Sunny	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
<05%	00%	00%	00%	<05%	<05%

Forecast for Wednesday 06 Sep 2023

Weather: Extensive low cloud, mist and fog early morning, with the fog readily clearing and the low cloud largely burning away by mid-morning. Otherwise, fine and dry with good spells of sunshine developing inland, and feeling very warm. Perhaps some mist and fog patches reforming in the valleys after dark once again.

Chance of cloud-free hill tops above 600m: 70%, becoming near to 100% by the afternoon.

Low cloud and visibility: Widespread low cloud in the east down to lower slopes, but cloud tops generally below 500-600m and soon clearing into the morning. Some locally very poor visibility until mid-morning. Thereafter generally good visibilities, although distant hill may appear rather hazy.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 06 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 SE	6/7 SW	8/11 SW	6/8 SW	4/5 SW	7/9 SE	9/11 E
300	3/4 E	5/6 W	6/8 SW	4/6 W	2/3 S	5/8 E	6/11 E
Valley	4/6 E	2/3 W	4/6 SW	3/6 W	2/3 SW	5/9 E	7/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/19	18/18	20/20	21/22	21/22	20/20	20/19
300	18/18	18/18	22/22	24/25	23/25	22/22	21/21
Valley	17/17	19/20	23/24	25/26	23/25	21/21	20/20
Freezing Level*	3300m	3100m	3100m	3100m	3200m	3300m	3500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high UV levels are likely through the midday hours, so extra sun protection and adequate hydration vital, especially with lighter winds compared to recent days.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 06 Sep 2023	0mm	0mm	0mm

Forecast for Thursday 07 Sep 2023

Weather: Early morning mist and fog patches soon clearing to leave another fine and dry day, with sunny spells. Perhaps a little more cloud around compared to Wednesday. A very warm and humid day.

Maximum wind: Easterly 10-15mph, with isolated gusts up to 20-25 mph.

Chance of cloud-free hill tops above 600m: 80%, increasing to 100% from mid-morning onwards.

Low cloud and visibility: Low cloud is looking less likely compared to Wednesday morning, although some early mist and fog patches in the valleys may lead to some locally poor visibilities first thing, readily clearing after sunrise.

Temperature: **Valleys:** Plus 19 Celsius, becoming Plus 25 Celsius.
At 600m: Plus 17 Celsius, becoming Plus 22 Celsius.
Freezing level: Above the summits.

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